	Application/Control No.	Applicant(s)/Patent Under Reexamination
Index of Claims	10581662	MATSUKUMA ET AL.
	Examiner	Art Unit
	TIMOTHY PHAM	2617

Non-Elected

Appeal

Cancelled

Rejected

O Objected		
☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47		
DATE		

U.S. Patent and Trademark Office Part of Paper No.: 20100105